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WISCONSIN SAW LOG PRODUCTION BY COUNTY AND SPECIES, 1973

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ABSTRACT.--Shows 1973 saw log production by county of origin for 24 species groups. Discusses production changes since 1967, the last year of detailed data, in major species and reasons for the change.

OXFORD: 526(775):792. KEY WORDS: red oak, aspen, elm, hard maple, white pine, lumber.

In 1973 Wisconsin loggers harvested 386.5 million board feet of saw logs, 42 percent more than in 1967, the last year of detailed data. The large log harvest was in response to the heavy demand for railroad ties and lumber for furniture, flooring, pallets, crating, and construction. Lumber inventories were low during 1973 because sawmills had difficulty meeting the demand.

Principal species cut were red oak (84.7 million board feet), aspen (74.3 million board feet), elm (58.1 million board feet), hard maple (39.1 million board feet) and white pine (23.6 million board feet) (table 1).

Wisconsin mills received nearly all the saw logs cut in 1973; only 3.8 million board feet of logs were shipped out of State, primarily to mills in Michigan, Iowa, and Minnesota.

Major production gains since 1967 were in aspen (43.6 million board feet), elm (27.2 million board feet), and red oak (11.6 million board feet). Aspen has found widespread acceptance as pallet lumber and for furniture parts since 1967. In addition, more aspen is used in housing construction since it became eligible for construction lumber grading under softwood rules. Elm harvesting increased because Dutch Elm Disease spread in Wisconsin and many dead and dying trees were salvaged for saw logs. Red oak harvesting increased to meet greater demands for furniture stock and railway ties.

Northeast Wisconsin furnished 38 percent of the saw log volume. Ten of the 15 large Wisconsin sawmills (those cutting 5 million board feet or more of lumber annually) are in the Northeast Unit and received large volumes of logs from that area. Half of the aspen was cut in the Northeast, 48 percent of the elm, and 55 percent of the hard maple. Pulpwood and veneer logs are in heavy demand in this Unit, also.

Top-producing counties were Shawano (including Menominee County), Forest, Marathon, and Oneida. Saw logs were harvested in every county except Kenosha.

These results came from a study of Wisconsin industrial roundwood production in 1973. The study was a cooperative effort between the Wisconsin Department of Natural Resources (DNR) and the North Central Forest Experiment Station. Sawmills using Wisconsin logs and bolts reported their roundwood receipts by species and county of origin in Wisconsin. Their cooperation is gratefully acknowledged. Special thanks are given to Area Foresters and Assistant Area Foresters of the Wisconsin DNR for personally canvassing the Wisconsin mills.

Table 1.--*Saw log production by* [illegible]
(In thousand board [illegible]

UNIT AND COUNTY	BALSAM FIR	CEDAR	HEMLOCK	JACK PINE	RED PINE	WHITE PINE	SPRUCE	TAMARACK	ASH	ASPEN	BALS POPL
NORTHEASTERN											
FLORENCE	0	3	442	0	79	397	30	0	74	1037	
FOREST	10	185	2468	200	812	1912	48	0	312	7986	
LANGLADE	23	51	145	0	47	92	34	0	278	436	
LINCOLN	5	5	94	5	196	331	2	1	388	1004	
MARINETTE	34	89	151	181	697	1436	6	0	226	5294	
OCONTO	0	15	61	3	455	504	0	0	150	4587	
ONEIDA	27	35	156	435	1548	1699	0	0	19	10321	
SHAWANO 1/	0	125	2754	12	38	4411	11	12	659	1615	
VILAS	20	3	99	450	1552	2330	42	0	3	4633	
UNIT TOTAL	119	511	6370	1286	5424	13112	173	13	2109	36913	
NORTHWESTERN											
ASHLAND	115	50	9	29	300	320	28	0	92	3023	
BARRON	0	0	0	3	77	405	0	0	56	571	
BAYFIELD	9	4	0	148	575	1195	2	0	27	3990	
BURNETT	0	0	0	182	122	227	0	0	33	170	
DOUGLAS	194	0	0	0	113	150	10	0	0	797	
IRON	5	35	60	0	200	212	25	0	45	252	
POLK	0	0	0	0	48	383	0	1	101	362	
PRICE	1	0	0	6	38	194	10	0	467	4300	
RUSK	0	0	10	5	34	241	0	0	281	3488	
SAWYER	0	0	14	9	449	755	0	0	219	5398	
TAYLOR	4	0	91	4	7	71	0	0	252	1178	
WASHBURN	0	0	0	235	256	175	0	0	0	2833	
UNIT TOTAL	328	89	184	621	2219	4328	75	1	1573	26362	
CENTRAL											
ADAMS	0	0	0	7	9	76	0	0	18	131	
CHIPPEWA	0	0	0	0	11	357	0	0	145	2850	
CLARK	0	0	10	40	25	529	0	0	226	1116	
EAU CLAIRE	0	0	0	2	0	150	0	0	39	104	
JACKSON	0	0	0	441	96	356	0	0	79	1385	
JUNEAU	0	0	0	134	111	204	0	0	148	629	
MARATHON	0	17	229	34	29	371	11	30	1003	970	
MARQUETTE	0	0	0	0	7	42	0	0	12	45	
MONROE	0	0	0	5	31	70	0	0	49	415	
PORTAGE	0	0	0	45	62	444	0	0	10	125	
WAUPACA	0	0	110	0	89	1426	0	12	540	627	
WAUSHARA	0	22	4	5	87	181	0	0	50	0	
WOOD	0	0	10	325	80	162	0	0	227	617	
UNIT TOTAL	0	39	363	1038	637	4368	11	42	2546	9014	

...nty, and species groups, Wisconsin, 1973
...ternational 1/4-inch rule)

...SS-...OOD	BEECH	WHITE BIRCH	YELLOW BIRCH	COTTON-WOOD	ELM	HICKORY	HARD MAPLE	SOFT MAPLE	RED OAK	WHITE OAK	WALNUT	OTHER HARD-WOODS	ALL SPECIES
643	4	63	246	0	869	0	2823	76	93	0	0	16	6895
1503	30	288	722	0	1721	0	4847	384	282	0	0	32	23742
833	72	128	200	0	3960	26	3723	393	505	70	0	44	11060
770	0	415	384	0	2364	11	1288	565	1005	16	0	33	8882
2117	148	385	21	8	1839	0	540	595	1593	330	0	0	13899
1267	100	197	41	47	2153	0	774	455	1184	255	0	6	11272
140	0	739	1107	12	383	0	889	1150	473	0	0	0	19133
2503	596	527	912	8	14545	105	6267	1968	2877	272	0	109	40348
69	3	590	412	12	70	0	494	401	226	0	0	9	11418
2845	953	3332	4045	87	27904	142	21645	5987	8238	943	0	249	146649
442	0	132	209	0	186	0	505	132	389	63	0	0	6024
289	0	17	1	16	292	0	260	70	1201	151	0	0	3409
133	0	570	5	0	17	0	162	0	39	1	0	0	6877
76	0	4	0	0	74	0	64	7	1614	106	0	7	2686
0	0	0	0	0	0	0	0	0	54	60	0	0	1378
199	0	45	169	0	122	0	453	31	98	0	0	0	1951
278	0	51	0	14	324	16	373	109	1532	372	0	3	3967
269	0	471	222	0	604	4	797	493	332	64	0	0	8279
392	0	277	251	0	590	0	727	307	684	205	0	1	7493
052	0	129	97	0	287	0	936	84	505	34	0	0	9268
538	0	137	84	0	1003	0	580	425	369	58	0	0	4801
882	0	67	1	0	11	0	42	0	1155	46	0	0	5703
3850	0	1900	1039	30	3510	20	4899	1658	7972	1160	0	11	61836
19	0	28	0	0	30	3	19	48	928	186	0	0	1502
1053	0	134	38	0	978	0	571	506	1773	119	0	14	8549
510	0	84	39	15	1510	40	505	631	1345	287	0	0	6912
82	0	6	8	0	86	0	87	66	619	172	0	12	1433
172	0	197	80	30	800	1	270	600	3249	562	0	134	8452
67	0	72	0	0	128	71	97	245	2187	721	0	0	4834
2364	187	343	398	0	7509	70	2483	1266	2545	378	0	109	19346
6	0	11	0	15	16	28	8	35	1188	315	3	0	1731
127	0	24	20	4	325	48	306	414	2625	525	0	0	4988
53	0	2	2	70	182	1	152	202	790	245	0	0	2385
826	338	125	127	0	2399	7	774	939	2264	544	0	118	11270
10	0	0	0	0	268	0	21	90	1247	241	0	0	2226
155	0	126	15	0	317	0	321	408	1065	231	0	0	4059
4444	525	1152	727	134	14548	269	5614	5470	21825	4526	3	387	77687

TABLE 1 CONTINUED ON NEXT PAGE

TABLE 1 CONTINUED

UNIT AND COUNTY	BALSAM FIR	CEDAR	HEMLOCK	JACK PINE	RED PINE	WHITE PINE	SPRUCE	TAMARACK	ASH	ASPEN	BALSAM POPLAR	BASSWOOD	BEECH	WHITE BIRCH
SOUTHWESTERN														
BUFFALO	0	0	0	0	0	9	0	0	11	183	0	164	0	23
CRAWFORD	0	0	0	0	0	0	0	0	81	60	0	269	0	2
DUNN	0	0	0	0	6	259	0	0	90	285	0	810	0	5
GRANT	0	0	0	0	3	14	0	0	20	81	0	155	0	0
IOWA	0	0	0	0	0	0	0	0	19	13	0	91	0	0
LACROSSE	0	0	0	0	2	22	0	0	55	108	0	323	0	34
LAFAYETTE	0	0	0	0	0	0	0	0	21	0	0	73	0	0
PEPIN	0	0	0	0	0	8	0	0	60	73	0	331	0	11
PIERCE	0	0	0	0	0	40	0	0	115	100	0	708	0	15
RICHLAND	0	0	0	0	0	39	0	0	133	46	0	533	0	0
ST.CROIX	0	0	0	0	7	63	0	0	50	22	0	222	0	10
SAUK	0	0	0	0	0	14	0	0	133	223	0	230	0	26
TREMPEALEAU	0	0	0	0	55	42	0	0	40	133	0	218	0	26
VERNON	0	0	0	0	0	3	0	0	137	168	0	629	0	31
UNIT TOTAL	0	0	0	0	73	513	0	0	965	1495	0	4756	0	183
SOUTHEASTERN														
BROWN	0	35	28	0	3	219	0	0	154	69	22	206	124	39
CALUMET	0	3	2	0	0	8	0	0	65	34	0	59	17	2
COLUMBIA	0	0	0	0	6	103	0	0	63	91	0	39	0	7
DANE	0	0	0	0	0	0	0	0	45	8	0	16	0	0
DODGE	0	0	0	0	0	0	0	0	34	0	0	29	0	0
DOOR	1	143	24	0	14	114	0	6	34	98	61	81	28	61
FOND DU LAC	0	0	0	0	0	0	0	0	18	1	0	25	0	0
GREEN	0	0	0	0	0	0	0	0	1	2	0	2	0	0
GREEN LAKE	0	0	0	0	0	2	0	0	0	0	0	0	0	0
JEFFERSON	0	0	0	0	0	0	0	0	0	0	0	4	0	0
KEWAUNEE	0	16	12	0	0	15	0	0	58	22	22	83	59	29
MANITOWOC	0	38	40	0	0	195	0	7	227	157	0	210	216	69
MILWAUKEE	0	0	0	0	0	0	0	0	5	0	0	0	0	0
OUTAGAMIE	0	5	2	0	0	335	0	0	176	60	16	165	50	22
OZAUKEE	0	2	0	0	0	0	0	0	41	5	0	20	0	0
RACINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHEBOYGAN	0	0	0	0	0	42	0	0	166	1	0	67	34	0
WALWORTH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WASHINGTON	0	3	0	0	0	0	0	0	314	0	0	318	0	0
WAUKESHA	0	0	0	0	0	0	0	0	54	0	0	0	0	0
WINNEBAGO	0	0	6	0	5	270	0	0	21	7	0	39	23	1
UNIT TOTAL	1	245	114	0	28	1303	0	13	1476	555	121	1363	551	230
STATE TOTAL	448	884	7031	2945	8381	23624	259	69	8669	74339	382	21258	2029	6797

TABLE 1 CONTINUED BELOW

TABLE 1 CONTINUED

UNIT AND COUNTY	YELLOW BIRCH	COTTONWOOD	ELM	HICKORY	HARD MAPLE	SOFT MAPLE	RED OAK	WHITE OAK	WALNUT	OTHER HARDWOODS	ALL SPECIES
SOUTHWESTERN											
BUFFALO	0	144	185	15	30	123	6057	735	2	23	7704
CRAWFORD	0	55	277	27	254	66	2634	1021	200	23	4969
DUNN	0	29	587	15	696	111	2561	246	0	30	5730
GRANT	0	77	200	12	174	40	1451	819	359	22	3427
IOWA	0	3	95	2	122	40	596	425	105	3	1514
LACROSSE	0	55	493	42	187	273	3282	651	193	149	5869
LAFAYETTE	0	10	56	3	62	0	244	125	75	1	670
PEPIN	0	26	305	15	305	85	541	66	0	37	1863
PIERCE	10	270	627	35	670	130	669	86	0	25	3500
RICHLAND	0	6	293	80	847	135	2537	1048	0	5	5702
ST.CROIX	0	10	258	10	195	18	244	57	0	5	1171
SAUK	0	13	258	137	292	638	4907	1363	0	3	8237
TREMPEALEAU	0	45	253	51	72	127	8500	1381	0	30	10973
VERNON	0	42	720	86	1137	254	6956	1630	0	25	11818
UNIT TOTAL	10	785	4607	530	5043	2040	41179	9653	934	381	73147
SOUTHEASTERN											
BROWN	0	311	1483	0	213	539	192	113	0	6	3756
CALUMET	0	19	431	0	62	182	46	122	1	2	1055
COLUMBIA	0	41	118	41	55	151	1635	492	33	20	2895
DANE	0	42	151	4	38	50	604	206	45	17	1226
DODGE	0	20	95	325	38	27	424	360	10	18	1380
DOOR	11	22	238	0	162	27	65	16	0	1	1207
FOND DU LAC	0	5	168	54	27	24	94	75	0	10	501
GREEN	0	0	23	1	0	5	144	60	270	0	508
GREEN LAKE	0	0	0	0	0	0	108	7	0	0	117
JEFFERSON	0	0	66	0	41	0	102	55	0	0	268
KEWAUNEE	11	27	716	0	166	270	162	108	0	10	1786
MANITOWOC	1	30	1399	0	307	637	199	150	0	4	3886
MILWAUKEE	0	0	0	0	5	0	2	3	1	0	16
OUTAGAMIE	0	38	1552	0	61	451	563	270	0	0	3766
OZAUKEE	0	0	32	0	22	0	26	2	0	0	150
RACINE	0	0	30	0	0	0	60	60	0	0	150
ROCK	0	0	38	0	0	0	30	7	0	0	75
SHEBOYGAN	0	0	257	1	194	83	325	69	0	19	1258
WALWORTH	0	0	0	0	0	0	5	5	0	0	10
WASHINGTON	0	5	335	0	417	0	363	9	0	3	1767
WAUKESHA	0	0	5	0	60	28	89	11	3	0	250
WINNEBAGO	0	2	358	8	47	147	217	45	0	1	1197
UNIT TOTAL	23	562	7495	434	1915	2621	5455	2245	363	111	27224
STATE TOTAL	5844	1598	58064	1395	39116	17776	84669	18527	1300	1139	386543

1/ Includes Menominee County.

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